

Patent Claims

5 1. A front bonnet system of a motor vehicle with a front bonnet (1) and with encircling body parts (2, 3) which have supporting points (4) which are flexible in the vertical direction and on which the front bonnet (1) is supported when closed, characterized in that the
10 flexible supporting points (4) are designed as a linearly encircling supporting strip (5) with a sealing strip (6) situated between the supporting strip (5) and the front bonnet (1), the front bonnet (1) having, on its side (7) facing the supporting strip (5), an
15 absorption strip (8) which encircles it in a manner corresponding to the supporting strip (5) and can be brought to bear against the sealing strip (6).

2. The front bonnet system as claimed in claim 1,
20 characterized in that the front bonnet (1) has, at least over a partial region of its outer edge (9), an outer region (10) reaching from the absorption strip (8) as far as the outer edge (9), a clearance (11) extending over the width of the outer region (10) in
25 the vertical direction as far as the supporting strip (5) situated below.

3. The front bonnet system as claimed in claim 1 or 2, characterized in that the supporting strip (5) has a
30 doubly bent, approximately Z-shaped cross section, with a free limb (12) for receiving the sealing strip (6) and a retaining limb (13) secured on the adjacent body part (2, 3), the free limb (12) lying in the vertical direction below the retaining limb (13).

35 ~~The front bonnet system as claimed in one of~~
~~claims 1 to 3, characterized in that the supporting~~
~~strip (5) is manufactured from plastic.~~

5. The front bonnet system as claimed in one of claims 1 to 4, characterized in that the absorption strip (8) is coated with a sound-absorbing material (15) on its side (14) facing the sealing strip (6).

6. The front bonnet system as claimed in claim 5, characterized in that the sound-absorbing material (15) is formed by a sound-absorbing mat (16) which is fitted on the inside of the front bonnet (1) and is drawn around the absorption strip (8).

7. The front bonnet system as claimed in one of claims 1 to 6, characterized in that the absorption strip (8) has an approximately trapezoidal cross section, the narrow side (17) of which can be brought to bear against the sealing strip (6).

8. The front bonnet system as claimed in one of claims 1 to 7, characterized in that the absorption strip (8) is formed from a rigid synthetic foam (18).

9. The front bonnet system as claimed in one of claims 1 to 7, characterized in that the absorption strip (8) is formed from a plastic hollow trough (19).